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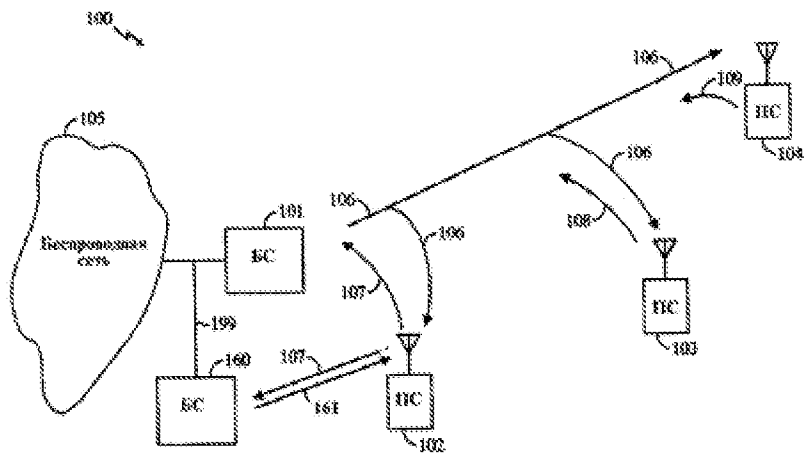
**(19) RU⁽¹¹⁾ 2316132⁽¹³⁾ C2****(51) IPC
H04L 29/08 (2006.01)**FEDERAL SERVICE
FOR INTELLECTUAL PROPERTY,
PATENTS AND TRADEMARKS**(12) DESCRIPTIONS OF INVENTION** To the patent of Russian FederationDocument: **PDF****(21)** Application number registered: **2004135385/09****(22)** Application filing date: **2003.05.06****(30)** Priority data: **10/140,087 2002.05.06 US****(24)** Date started of validity of the patent: **2003.05.06****(43)** Unexamined printed documents without grant:
2005.07.20**(45)** Date: **2008.01.27****(56)** List of prior art documents: **RU 2145775 C1, 20.02.2000. RU 2128406 C1, 27.03.1999. EP 1024623 A2, 02.08.2000. US 6314101, 06.11.2001. 3G TS 25.322 v.3.1.2, 1999. GB 2332343 A, 16.06.1999.****(72)** Inventor information: **MOKhANTI Bibkhu (US); EhSTEVES Ehduardo (BR); GURELLI Mekhmet I. (US)****(73)** Grantee (assignee) information:
KVEhLKOMM INKORPOREJTED (US)**(85)** PCT date art. 22/39: **2004.12.06****(86)** PCT or regional filing information: **US 03/14082 (06.05.2003)****(87)** PCT or regional filing information (publ.):
WO 03/096150 (20.11.2003)Mail address: **129010, Moskva, ul. B. Spasskaja, 25, str.3, OOO "Juridicheskaja firma Gorodisskij i Partnery", pat.pov. Ju.D.Kuznetsovu, reg.№ 595****(54) METHOD AND DEVICE FOR INCREASING AMOUNT OF AUTOMATIC TRANSMISSION REPEAT REQUESTS OF PHYSICAL LEVEL IN WIRELESS DATA TRANSMISSION SYSTEMS**

FIELD: communication systems.

SUBSTANCE: control system and receiver-transmitter are configured to determine data transmission speed control value and for transmission of maximal amount of time slots allowed for transmission of physical level data packet. After detection of normal transmission termination, threshold values of decoding are corrected to decode positive confirmation message and decoding of confirmation channel is repeated with corrected threshold values. Physical level data packet is relayed at least one more time after that on basis of whether repeated decoding of confirmation channel produces negative confirmation message. Relaying may be based on level of traffic capacity for transmissions between base station and mobile station.

EFFECT: increased efficiency of resource usage.

6 cl, 13 dwg



Фиг. 1